LABDEX

Water Jacketed Co2 Incubator LX200WJI

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Description

Water jacketed CO2 Incubator LX200WJI is designed with a microprocessor-based PID controller which provides a precisely controlled, accurate and uniform environment throughout the culturing process. Equipped with fan for forced convection, LED digital display, sterile air filtration devices and UV light system to reduce pollution. It has independent temperature-limiting alarm system for the safe running of experiments.

Specifications

Chamber volume	80 L
Type	Water jacket
Temperature range	RT +3~60°C
Temperature stability	≤±0.2°C
Temperature uniformity	≤±0.3°C
Timing range	1~9999min or without timing
CO2 Range	0~20%
Humidity method	Natural vaporization
Power supply	AC220V, 50HZ
Power rating	600 W
Chamber size (W x D x H)	400 x 400 x 500 mm
Exterior size (W x D x H)	570 x 590 x 930 mm
Net weight	55 kg
Package size (W x D x H)	640 x 680 x 1030 mm
Gross weight	85 kg

Features

- Build with LED digital display with microprocessor-based PID controller
- It has a forced air convection function
- Having a polished stainless-steel chamber with air duct
- Water and doors are separately controlled by three probes to ensure high accuracy

- UV light system for reducing pollution
- It has safety features like an alarm function for over-heating, lack of water, and unaspirated, and ensuring the safe operation of the instrument
- Provides natural evaporation of humidification to ensure the chamber can maintain good humidity
- The ratio of CO2 gas and air can be arbitrarily selected according to the needs
- Direct reading type flow meter

Applications

- Used in microbiology, life science, pharmacy, food processing, chemical industry, research, education institutes, etc.

Optional Accessories

- Air jacket

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